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A

Wednesday, September 22, 1999

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
Washington, D.C. 20231



TO THE ASSISTANT COMMISSIONER FOR PATENTS

**1. Type of Application**

Transmitted herewith for filing is an original patent application of the inventors:

PAUL M. McELFRESH, and CHAD F. WILLIAMS for:

**HYDRAULIC FRACTURING USING  
NON-IONIC SURFACTANT GELLING AGENT**  
(Attorneys' Docket No. 304-15027-US).

**2. Benefit of Prior U.S. Application(s)**

[ ] Please amend the specification by inserting on page 1, after the title in line 1 but before the "Field of the Invention" in line 3, the following sentence:

--This application claims the benefit of U.S. Provisional Application No. 60/\_\_\_\_  
\_\_\_\_ filed \_\_\_\_--

**3. Papers Enclosed**

Enclosed are:

- [X] two sheets of formal drawings;
- [X] a patent application (12 pages, including 4 pages of claims; and 1 abstract page);
- [X] an assignment of the invention to Baker Hughes Incorporated;
- [X] Assignment Recordal Form Cover Sheet (\$40.00 recordal fee authorized charged to deposit account therein);
- [ ] a certified copy of a \_\_\_\_\_ application;
- [X] a Declaration and power of attorney executed by the inventor(s);
- [ ] Statement of Disclosure under 37 CFR §1.56;
- [X] a Certificate of Mailing by "Express Mail" under 37 CFR §1.10;

Express Mailed with Label No. EE709364231US on 9/22/99.

☐ a declaration, power of attorney and assignment will be filed in due course in accordance with 37 CFR §1.53(d).

#### 4. Fee Calculation

Claims as Filed			
For:	#Filed	#Extra	Rate
Total Claims	17-20=	0	x \$18.00=
Independent Claims	3-3=	0	x \$78.00=
Basic Fee:			\$760.00
Total Filing Fee:			\$760.00

#### 5. Method of Payment of Fee

The payment of the filing fee of \$760.00 and assignment recordal of \$\_\_\_ for a total of \$760.00 is accomplished herein by one of the following methods:

☒ Please charge the filing fee to Deposit Account No. 02-0429.

☒ A duplicate copy of this sheet is enclosed.

☒ Authorization to charge assignment recordal fee is given in the separate Assignment Recordal Form Cover Sheet (enclosed).

☒ The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 02-0429. A duplicate copy of this sheet is enclosed.

☒ Any filing fees under 37 CFR §1.16 for presentation of extra claims.

☒ Any patent application processing fees under 37 CFR §1.17.

☐ The issue fee set in 37 CFR §1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR §1.311(b).

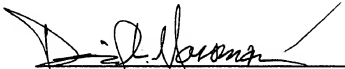
☒ All correspondence in connection with this application should be directed to:

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SEPTEMBER 22, 1999

Date

  
David L. Mossman, Attorney of Record  
Registration No. 29,570

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : PATENT  
PAUL M. McELFRESH, et al. : Group Art Unit:  
Serial No.: : Examiner:  
Filed: : Date: September 22, 1999  
For: HYDRAULIC FRACTURING USING : Docket No.: 304-15027-US  
NON-IONIC SURFACTANT :  
GELLING AGENT :

304-15027-US, PTO  
09/400812  
09/22/99

CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR §1.10

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

"Express Mail" mailing label number: EE709364231US  
Date of Deposit: September 22, 1999

I hereby certify that this new REGULAR PATENT APPLICATION and associated papers are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Respectfully submitted,  
PAUL M. McELFRESH, et al., by

David L. Mossman  
David L. Mossman, Attorney for Applicants,  
Reg. No. 29,570

SEPTEMBER 22, 1999  
Date